

MBAS[®] 3

Multi-Biometric Acquisition Station

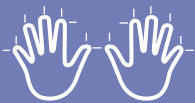
MBAS[®] 3 is an ergonomic, integrated device to capture face and two fingerprint data rapidly for multi-modal recognition. The product minimizes time in enrollment and authentication by acquiring high-quality biometric data suitable for massive facial and fingerprint recognition systems.

MBAS[®] 3 is loaded with an intelligent function of face auto-capturing, which analyzes facial quality in real time and selects a best facial image for the face recognition system. Its high-performance single finger scanners capture high-quality images from both hands regardless of fingerprint states and provide Presentation Attack Detection against a malicious enrollment try with fake fingers. As various components including 9.7" monitor and high-intensity LED lighting are ideally arranged in a compact slim form factor, the product applies to complex workplace and narrow space of kiosks and e-gates.

MBAS[®] 3 is the best-in-class solution to enroll and authenticate biometric data at a variety of applications in civil and public areas.



High-quality facial images



High-quality two fingerprints at a time



Fast biometric enrollment & authentication



Convenient user interface through display, lighting, and speaker



Field-proven Biometric Solution

Seamlessly Integrated Device Biometric Enrollment & Authentication

Features

- High-performance camera, low-distortion lens
- Face quality check and auto-capture algorithm
- Excellent Presentation Attack Detection
- High-quality images regardless of fingerprint states
- 9.7" wide-angle-of-view monitor (vertical)
- High-intensity LED for uniform lighting
- Sound card and speaker loaded
- Ergonomic, compact slim design



Applications

- Immigration control
- National ID, driver's license
- e-Passport/visa issuance

Specifications

Sort	Item	Description
Hardware	Dimension	195 x 204 x 425mm
	Monitor	9.7 TFT LCD
	Sound	Stereo speaker
	Interface	USB 3.0
	Operating Temperature	0 ~ 40°C
	Operating Voltage	12V/3A
	Certification	KC
Fingerprint Scanner	Sensor Type	Multispectral imaging
	Sensing Area	18 x 28mm ellipse
	Resolution	500PPI
	Output format	Image: ANSI 381, ISO19794-4, WSQ compression Template: ANSI 378, ISO19794-2
Face Camera	Resolution	3.2MP
	Sensor Type	CMOS (Global shutter)
	Image Size	Max. 2,048 x 1,536 pixels
Software	SDK	MBAS® SDK
	OS	Windows 7, 8, 10

Product specifications are subject to change without notice.

Side view



Front view

